Appendix Table 1. Current Product-specific Use and Current Flavored Use in the Full Sample by Age Group (12-17, 18-24, 25+); Population Assessment of Tobacco and Health, 2013-2014^a

1 opulation Assessment c		Youth	· · · · · · · · · · · · · · · · · · ·					Adult				
	(unweigh		13,651) ^b				(unweighted N		; Missing=7) ^c			
		12-17		'	Total			18-24		,	25+	
								=9,112)		,	=23,201	
Current tobacco use	Unweighted	% ^d	95% CI	Unweighted n	% ^d	95% CI	Unweighted n	% ^d	95% CI	Unweighted n	% ^d	95% CI
	n		(0.0.0.1)					• • • •				
Any current tobacco use ^e	1,152	8.5	(8.0, 9.1)	14,391	23.0	(22.4, 23.6)	3,572	28.8	(27.5, 30.2)	10,819	22.1	(21.5, 22.7)
Any flavored tobacco use	919	6.8	(6.3, 7.3)	7,535	11.4	(10.8, 11.9)	2,598	20.9	(19.4, 22.5)	4,937	9.9	(9.4, 10.5)
Flavored use/Current use		79.8	(77.2, 82.2)		39.5	(38.0, 40.9)		72.7	(70.8, 74.5)		44.8	(43.6, 46.1)
Exclusive cigarette use ^f	265	2.0	(1.7, 2.2)	8,679	14.2	(13.7, 14.7)	1,488	11.7	(11.0, 12.6)	7,191	14.6	(14.0, 15.1)
Mentholated cigarettes	149	1.1	(0.9, 1.3)	3,624	5.6	(5.2, 6.0)	892	6.9	(6.1, 7.8)	2,732	5.4	(5.0, 5.8)
Flavored use/Current use		56.5	(50.4, 62.4)		39.5	(38.0, 40.9)		59.0	(56.0, 61.9)		37.1	(35.6, 38.7)
Exclusive non-cigarette tobacco use ^g	515	3.9	(3.5, 4.4)	2,980	4.8	(4.5, 5.0)	1,093	9.1	(8.4, 9.9)	1,887	4.1	(3.9, 4.3)
Any flavored tobacco use	424	3.2	(2.8, 3.6)	1,849	2.8	(2.6, 3.0)	845	7.1	(6.3, 8.0)	1,004	2.1	(1.9, 2.4)
Flavored use/Current use		82.6	(78.9, 85.8)		58.7	(56.2, 61.1)		77.8	(75.1, 80.2)		52.3	(49.4, 55.3)
Poly use of cigarettes and other tobacco ^h	369	2.6	(2.4, 2.9)	2,722	4.0	(3.8, 4.2)	989	7.9	(7.3, 8.6)	1,733	3.4	(3.2, 3.6)
Any flavored tobacco use	345	2.5	(2.2, 2.7)	2,058	2.9	(2.7, 3.2)	859	6.9	(6.1, 7.7)	1,199	2.3	(2.1, 2.6)
Flavored use/Current use		93.4	(90.0, 95.7)		73.6	(71.2, 75.8)		87.0	(84.3, 89.3)		68.9	(66.1, 71.6)
Cigarettes ⁱ	634	4.6	(4.2, 5.0)	11,401	18.2	(17.7, 18.7)	2,477	19.6	(18.4, 20.8)	8,924	18.0	(17.4, 18.5)
Mentholated cigarettes ⁱ	383	2.7	(2.4, 3.1)	4,454	6.8	(6.3, 7.2)	1,201	9.2	(8.1, 10.3)	3,253	6.4	(6.0, 6.8)
Flavored use/Current use		59.5	(55.0, 63.9)		37.1	(35.8, 38.5)		46.8	(44.1, 49.6)		35.6	(34.2, 37.0)
E-cigarettes	418	3.1	(2.8, 3.5)	1,575	2.4	(2.2, 2.6)	467	3.8	(3.4, 4.3)	1,108	2.2	(2.0, 2.4)
Flavored e-cigarettes	354	2.7	(2.3, 3.0)	1,094	1.6	(1.4, 1.8)	389	3.2	(2.7, 3.7)	705	1.4	(1.2, 1.6)
Flavored use/Current use		85.3	(80.7, 89.0)		67.4	(64.4, 70.2)		83.4	(79.2, 86.9)		63.2	(60.0, 66.3)
Any cigar ^j	340	2.5	(2.2, 2.8)	2,064	3.1	(2.9, 3.2)	778	6.0	(5.5, 6.6)	1,286	2.6	(2.5, 2.8)
Any flavored cigars	245	1.8	(1.5, 2.0)	1,144	1.6	(1.4, 1.8)	508	3.9	(3.3, 4.6)	636	1.2	(1.1, 1.4)
Flavored use/Current use		71.7	(65.6, 77.1)	,	52.0	(49.6, 54.3)		65.1	(61.0, 69.0)		47.8	(44.6, 50.4)
Traditional cigars ^j	92	0.7	(0.6, 0.9)	890	1.5	(1.4, 1.6)	258	2.2	(1.9, 2.5)	632	1.3	(1.2, 1.5)
Flavored traditional cigars	-	_	-	329	0.5	(0.4, 0.6)	121	1.0	(0.7, 1.3)	208	0.4	(0.3, 0.5)
Flavored use/Current use					33.3	(29.8, 37.0)		44.3	(35.9, 53.1)		30.6	(27.0, 34.5)
Cigarillos ^j	293	2.1	(1.9, 2.4)	1,186	1.6	(1.5, 1.7)	586	4.4	(4.0, 4.9)	600	1.2	(1.1, 1.3)
Flavored cigarillos	217	1.6	(1.3, 1.8)	750	1.0	(0.8, 1.1)	393	3.0	(2.5, 3.5)	357	0.7	(0.5, 0.8)
Flavored use/Current use	21,	74.1	(68.0, 79.5)	700	61.0	(57.5, 64.4)	2,2	68.0	(63.0, 72.7)	22,	57.1	(52.1, 62.0)
Filtered cigars ^j	67	0.5	(0.4, 0.6)	551	0.9	(0.8, 0.9)	146	1.2	(0.9, 1.5)	405	0.8	(0.7, 0.9)
Flavored filtered cigars	-	-	-	341	0.5	(0.4, 0.6)	114	1.0	(0.5, 1.3) $(0.6, 1.3)$	227	0.4	(0.4, 0.5)
Flavored use/Current use				571	60.4	(56.2, 64.4)	117	79.3	(68.6, 87.0)	221	56.2	(51.7, 60.6)
Pipe tobacco	_	_	_	318	0.5	(0.4, 0.6)	101	0.8	(0.7, 1.0)	217	0.4	(0.4, 0.5)
Flavored pipe tobacco	-	-	-	119	0.3	(0.4, 0.0) (0.1, 0.2)	40	0.3	(0.7, 1.0) (0.2, 0.5)	79	0.4	(0.4, 0.3) (0.1, 0.2)
	-	_	-	119			40			19		
Flavored use/Current use					35.7	(29.6, 42.3)		36.6	(28.1, 46.1)		35.4	(27.7, 44.0)

Hookah tobacco	226	1.7	(1.4, 2.0)	1,097	1.4	(1.3, 1.5)	813	6.9	(6.3, 7.6)	284	0.6	(0.5, 0.7)
Flavored hookah tobacco	198	1.5	(1.2, 1.8)	831	1.0	(0.9, 1.2)	625	5.3	(4.6, 6.1)	206	0.4	(0.3, 0.5)
Flavored use/Current use		89.0	(84.1, 92.5)		74.1	(71.0, 77.0)		77.1	(73.9, 80.0)		68.7	(62.3, 74.4)
Smokeless tobacco	180	1.4	(1.2, 1.7)	1,597	2.7	(2.5, 2.9)	451	3.7	(3.3, 4.2)	1,146	2.5	(2.3, 2.7)
Flavored smokeless tobacco	146	1.1	(1.0, 1.4)	839	1.4	(1.2, 1.6)	275	2.3	(1.8, 2.8)	564	1.2	(1.0, 1.4)
Flavored use/Current use		81.0	(75.1, 85.7)		51.1	(47.4, 54.7)		61.7	(55.4, 67.6)		48.7	(44.9, 52.5)
Snus	64	0.5	(0.4, 0.6)	276	0.4	(0.4, 0.5)	111	1.0	(0.8, 1.2)	165	0.4	(0.3, 0.4)
Flavored snus	54	0.4	(0.3, 0.5)	228	0.3	(0.3, 0.4)	94	0.8	(0.6, 1.1)	134	0.3	(0.2, 0.4)
Flavored use/Current use		80.4	(68.6, 88.6)		80.8	(75.7, 85.1)		83.0	(73.4, 89.5)		79.9	(73.2, 85.3)
Dissolvable tobacco*	-	-	-	-	-	-	-	-	-	-	-	-
Flavored dissolvable tobacco*	-	-	-	-	-	-	-	-	-	-	-	-
Flavored use/Current use												
Bidis	-	-	-		N/A	N/A		N/A	N/A		N/A	N/A
Flavored bidis	-	-	-		N/A	N/A		N/A	N/A		N/A	N/A
Flavored use/Current use												
Kreteks	-	-	-		N/A	N/A		N/A	N/A		N/A	N/A
Flavored kreteks	-	-	-		N/A	N/A		N/A	N/A		N/A	N/A
Flavored use/Current use												

Notes: - Suppressed due to n<50 or coefficient of variation >30%.

°For adults, current use some days or every day and either (1): 100 lifetime units (for cigarettes); (2): or weekly or monthly use and ever fairly regular use (for hookah); (3): ever fairly regular use (for all other products). Individuals who reported "don't know" or refused to answer any part of the definition of current use were excluded from the denominator. Adult respondents with missing ages (N=7) were excluded from Table 1.

^jRespondents who indicated current use of a cigar were asked about use of traditional cigars, cigarillos, and filtered cigars separately. Respondents indicating use of two or more types of cigars (traditional, cigarillo, or filtered cigars) were asked about flavor use of each type of cigar separately. Any respondent who reported currently using 2 or more types of cigars had their responses aggregated, so that

^aPercentages are weighted to represent the U.S. population and CIs are estimated using the balanced repeated replication (BRR) method.

^bFor youth, current use is defined as past 30-day use. Individuals who reported "don't know" or refused to answer any part of the definition of current use were excluded from the denominator.

^dColumn percentages presented.

^eAny current tobacco use is defined as reporting current use of any tobacco product using the "current use" definitions outlined in footnotes b and c above.

^fExclusive cigarette use is defined as current use of cigarettes and no current use of other tobacco products.

gExclusive non-cigarette tobacco use is defined as no current use of cigarettes and current use of any other tobacco product.

^hPoly use of cigarettes and other tobacco is defined as current use of cigarettes and at least one other tobacco product.

ⁱManufactured cigarette or roll-your-own.

if any of the current traditional, cigarillo, or filtered cigars they use are flavored, they were included in the estimate of current cigar users reporting current flavored use.

N/A, not applicable

Appendix Table 2. Current Product-specific Use and Current Flavored Use in the Full Adult Sample by Age Group; Population Assessment of Tobacco and Health, 2013-2014^a

						Adult sample (unweigl	hted N=32,313;	Missin	g=7) ^b				
Current tobacco use	Overall			18-24		25-29		30-34		35-44		45-64		65+
			(13.0	% of sample)	(8.79	% of sample)	(9.0°)	% of sample)	(16.5)	% of sample)	(34.59	% of sample)	(18.29	6 of sample)
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Any current tobacco use ^c	23.0	(22.4, 23.6)	28.8	(27.5, 30.2)	32.8	(30.9, 34.7)	28.8	(27.2, 30.6)	25.7	(24.4, 27.0)	22.3	(21.4, 23.1)	10.0	(9.3, 10.8)
Any flavored tobacco use	11.4	(10.8, 11.9)	20.9	(19.4, 22.5)	20.8	(18.7, 22.9)	16.1	(14.4, 18.0)	11.3	(10.2, 12.5)	8.6	(7.9, 9.3)	2.8	(2.4, 3.4)
Exclusive cigarette use	14.2	(13.7, 14.7)	11.7	(11.0, 12.6)	18.6	(17.3, 20.0)	18.0	(16.7, 19.5)	16.4	(15.4, 17.5)	15.8	(15.1, 16.6)	6.8	(6.2, 7.5)
Mentholated cigarettes	5.6	(5.2, 6.0)	6.9	(6.1, 7.8)	10.0	(8.7, 11.5)	8.1	(6.9, 9.4)	5.7	(5.0, 6.5)	5.3	(4.8, 5.9)	1.8	(1.4, 2.2)
Exclusive non-cigarette	4.8	(4.5, 5.0)	9.1	(8.4, 9.9)	6.3	(5.5, 7.2)	5.5	(4.9, 6.2)	4.6	(4.1, 5.2)	3.8	(3.5, 4.2)	2.4	(2.1, 2.7)
tobacco use														
Any flavored tobacco use	2.8	(2.6, 3.0)	7.1	(6.3, 8.0)	4.2	(3.3, 5.2)	4.0	(3.2, 4.8)	2.4	(1.9, 3.0)	1.7	(1.5, 2.1)	0.8	(0.5, 1.1)
Poly use of cigarettes and	4.0	(3.8, 4.2)	7.9	(7.3, 8.6)	7.9	(7.0, 8.9)	5.3	(4.7, 6.0)	4.7	(4.2, 5.3)	2.6	(2.4, 2.9)	0.8	(0.6, 1.0)
other tobacco														
Any flavored tobacco use	2.9	(2.7, 3.2)	6.9	(6.1, 7.7)	6.5	(5.4, 7.7)	4.1	(3.4, 4.9)	3.3	(2.7, 4.0)	1.5	(1.2, 1.8)	0.3	(0.2, 0.6)
Cigarettes ^d	18.2	(17.7, 18.7)	19.6	(18.4, 20.8)	26.4	(24.9, 28.1)	23.3	(21.7, 24.9)	21.1	(19.9, 22.3)	18.4	(17.7, 19.2)	7.6	(7.0, 8.3)
Mentholated cigarettes ^d	6.8	(6.3, 7.2)	9.2	(8.1, 10.3)	12.4	(10.9, 14.0)	10.0	(8.6, 11.5)	7.0	(6.1, 8.0)	6.0	(5.4, 6.6)	1.9	(1.5, 2.4)
E-cigarettes	2.4	(2.2, 2.6)	3.8	(3.4, 4.3)	3.8	(3.3, 4.4)	3.8	(3.2, 4.6)	2.7	(2.3, 3.2)	1.9	(1.7, 2.1)	0.7	(0.5, 1.0)
Flavored e-cigarettes	1.6	(1.4, 1.8)	3.2	(2.7, 3.7)	2.9	(2.3, 3.6)	2.9	(2.2, 3.7)	1.6	(1.2, 2.0)	1.1	(0.8, 1.3)	-	-
Any cigar ^e	3.1	(2.9, 3.2)	6.0	(5.5, 6.6)	4.8	(4.0, 5.7)	3.6	(3.1, 4.2)	3.3	(2.9, 3.8)	2.4	(2.2, 2.6)	1.0	(0.8, 1.3)
Any flavored cigars	1.6	(1.4, 1.8)	3.9	(3.3, 4.6)	2.7	(2.0, 3.6)	2.0	(1.4, 2.6)	1.7	(1.3, 2.1)	1.1	(0.9, 1.3)	-	-
Traditional cigars	1.5	(1.4, 1.6)	2.2	(1.9, 2.5)	2.2	(1.7, 2.7)	1.9	(1.6, 2.3)	1.6	(1.4, 2.0)	1.3	(1.1, 1.5)	0.6	(0.4, 0.8)
Flavored traditional cigars	0.5	(0.4, 0.6)	1.0	(0.7, 1.3)	0.8	(0.5, 1.2)	0.8	(0.5, 1.2)	0.5	(0.3, 0.8)	0.4	(0.2, 0.5)	0.1	(0.0, 0.2)
Cigarillos	1.6	(1.5, 1.7)	4.4	(4.0, 4.9)	3.1	(2.5, 3.8)	2.1	(1.7, 2.6)	1.5	(1.2, 1.8)	0.8	(0.7, 1.0)	-	-
Flavored cigarillos	1.0	(0.8, 1.1)	3.0	(2.5, 3.5)	1.8	(1.3, 2.5)	1.3	(0.9, 1.8)	0.8	(0.6, 1.2)	0.4	(0.3, 0.6)	-	-
Filtered cigars	0.9	(0.8, 0.9)	1.2	(0.9, 1.5)	-	-	-	-	0.9	(0.7, 1.2)	1.0	(0.9, 1.2)	-	-
Flavored filtered cigars	0.5	(0.4, 0.6)	1.0	(0.6, 1.3)	-	-	-	-	0.5	(0.4, 0.9)	0.5	(0.4, 0.7)	-	-
Pipe tobacco	0.5	(0.4, 0.6)	0.8	(0.7, 1.0)	-	-	-	-	-	-	0.4	(0.3, 0.5)	-	-
Flavored pipe tobacco	0.2	(0.1, 0.2)	0.3	(0.2, 0.5)	-	-	-	-	-	-	-	-	-	-
Hookah tobacco	1.4	(1.3, 1.5)	6.9	(6.3, 7.6)	3.4	(2.8, 4.0)	1.0	(0.8, 1.4)	-	-	-	-	-	-
Flavored hookah tobacco	1.0	(0.9, 1.2)	5.3	(4.6, 6.1)	2.3	(2.0, 2.1)	-	-	-	-	-	-	-	-
Smokeless tobacco	2.7	(2.5, 2.9)	3.7	(3.3, 4.2)	3.9	(3.3, 4.7)	3.3	(2.8, 3.8)	3.5	(3.0, 4.0)	2.1	(1.8, 2.4)	1.3	(1.1, 1.5)
Flavored smokeless	1.4	(1.2, 1.6)	2.3	(1.8, 2.8)	2.3	(1.7, 3.1)	2.0	(1.4, 2.7)	1.8	(1.3, 2.3)	0.9	(0.7, 1.1)	0.4	(0.3, 0.7)
tobacco														
Snus	0.4	(0.4, 0.5)	1.0	(0.8, 1.2)	-	-	-	-	0.6	(0.5, 0.8)	0.2	(0.2, 0.3)	-	-
Flavored snus	0.3	(0.3, 0.4)	0.8	(0.6, 1.1)	-	-	-	-	-	-	0.1	(0.1, 0.2)	-	-
Dissolvable tobacco*	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes: - Suppressed due to n<50 or coefficient of variation >30%.

^aPercentages are weighted to represent the U.S. adult population and CIs are estimated using the balanced repeated replication (BRR) method.

^bFor adults, current use some days or every day and either (1): 100 lifetime units (for cigarettes); (2): or weekly or monthly use and ever fairly regular use (for hookah); (3): ever fairly regular use (for all other products). Individuals who reported "don't know" or refused to answer any part of the definition of current use were included in the denominator, but not classified as current users. ^cColumn percentages presented.

^dManufactured cigarette or roll-your-own.

^eRespondents who indicated current use of a cigar were asked about use of traditional cigars, cigarillos, and filtered cigars separately. Respondents indicating use of two or more types of cigars (traditional, cigarillo, or filtered cigars) were asked about flavor use of each type of cigar separately. Any respondent who reported currently using two or more types of cigars had their responses aggregated, so that if any of the current traditional, cigarillo, or filtered cigars they use are flavored, they were included in the estimate of current cigar users reporting current flavored use.

Appendix Table 3. Reasons for Product Use by Product and Age Group (12-17, 18-24, 25+) Among Current Tobacco Users^a; Population Assessment of Tobacco and Health, 2013-2014

Product ^{b,c}	Youth (ages 12-17)	Young adults (ages 18-24)	Adults (ages 25+)
Cigars	N=92	N=258	N=632
	1. I like socializing while using them	1. I like socializing while using them	1. I like socializing while using
	(67%)	(77%)	them (67%)
	2. Comes in flavors I like (65%)	2. Comes in flavors I like (73%)	2. Comes in flavors I like (54%)
	3. Affordability (52%)	3. Affordability (47%)	3. Affordability (45%)
	4. Less harmful to me than cigs (43%)	4. Less harmful to me than cigs (27%)	4. Less harmful to me than cigs (29%)
	5. People in the media use them (39%)	5. People who are important to me use them (25%)	5. Feels like smoking a cig (17%)
Filtered	N=67	N=146	N=405
cigars			
_	1. Comes in flavors I like (73%)	1. Comes in flavors I like (82%)	1. Affordability (83%)
	2. Affordability (60%)	2. Affordability (67%)	2. Comes in flavors I like (67%)
	3. I like socializing while using them	3. I like socializing while using them	3. Feels like smoking a cig (54%)
	(47%)	(62%)	
	4. The product doesn't smell (41%^)	4. Feels like smoking a cig (45%)	4. I like socializing while using them (47%)
	5. People who are important to me	5. People who are important to me	5. Less harmful to me than cigs
	use them (33%)	use them (23%)	(30%)
Cigarillos	N=293	N=586	N=600
	1. Comes in flavors I like (73%)	1. Comes in flavors I like (74%)	1. Affordability (72%)
	2. Affordability (58%)	2. Affordability (71%)	2. Comes in flavors I like (71%)
	3. I like socializing while using them	3. I like socializing while using them	3. I like socializing while using
	(54%)	(63%)	them (59%)
	4. People in the media use them (27%)	4. Feels like smoking a cig (23%^)	4. Feels like smoking a cig (27%)
	5. People who are important to me	5. Less harmful to me than cigs	5. Less harmful to me than cigs
	use them (25%)	(23%^)	(25%)
E-cigarettes	N=418	N=467	N=1,108

	1. Comes in flavors I like (81%)	1. Less harmful to me than cigs (89%)	1. Less harmful to me than cigs (90%^)
	2. Less harmful to me than cigs (79%)	2. Less harmful to other people than cigs (88%)	2. Less harmful to other people that cigs (90%^)
	3. Less harmful to other people than cigs (78%)	3. Can use where you can't smoke cigs (86%)	3. Can use where you can't smoke cigs (85%)
	4. Using them helps people quit smoking (60%)	4. Comes in flavors I like (83%)	4. Using them helps people quit smoking (83%^)
	5. Can use where you can't smoke cigs (59%)	5. The product doesn't smell (79%)	5. The product doesn't smell (83%^)
Hookah	N=226	N=813	N=284
	1. I like socializing while using them (80%)	1. I like socializing while using them (95%)	1. I like socializing while using them (91%)
	2. Comes in flavors I like (79%)	2. Comes in flavors I like (91%)	2. Comes in flavors I like (88%)
	3. Less harmful to me than cigs (61%)	3. Affordability (54%)	3. Less harmful to me than cigs (56%)
	4. Affordability (44%)	4. Less harmful to me than cigs (45%)	4. Affordability (49%)
	5. People who are important to me use them (36%)	5. People who are important to me use them (34%)	5. Can smoke where you can't smoke cigs (40%)
Pipe	-	N=101	N=217
		1. Comes in flavors I like (73%)	1. Comes in flavors I like (76%)
		2. I like socializing while using them (66%)	2. Affordability (64%)
		3. Affordability (64%)	3. I like socializing while using them (49%)
		4. Less harmful to me than cigs (32%)	4. Less harmful to me than cigs (38%)
		5. People who are important to me use them (26%)	5. Using them helps people quit smoking (24%)
Smokeless tobacco	N=180	N=451	N=1,146

	1. Can use where you can't smoke cigs (70%)	1. Can use where you can't smoke cigs (84%)	1. Can use where you can't smoke cigs (77%)
	2. Comes in flavors I like (69%)	2. Comes in flavors I like (75%)	2. Comes in flavors I like (65%)
	3. Less harmful to other people than cigs (68%)	3. Affordability (63%)	3. Less harmful to other people than cigs (62%)
	4. Affordability (61%)	4. Less harmful to other people than cigs (58%)	4. Affordability (47%)
	5. Less harmful to me than cigs (51%)	5. It doesn't bother non-tobacco users (34%)	5. The product doesn't smell (40%)
Snus	N=64	N=111	N=165
	1. No one can tell when I am using it (72%)	1. Comes in flavors I like (86%)	1. Can use where you can't smoke cigs (84%)
	2. Can use where you can't smoke cigs (71%)	2. Can use where you can't smoke cigs (85%)	2. Comes in flavors I like (82%)
	3. Comes in flavors I like (67%)	3. No one can tell when I am using it (68%)	3. No one can tell when I am using it (66%)
	4. Less harmful to other people than cigs (51%)	4. Less harmful to other people than cigs (66%)	4. Less harmful to other people than cigs (56%)
	5. It doesn't bother non-tobacco users (50%)	5. Affordability (63%)	5. Affordability (53%)

⁻ Suppressed due to n<50 or coefficient of variation >30%.

[^]Denotes ties in reasons used within a product and age group.

^aSample sizes reflected unweighted number of product users; Percentages are weighted to represent the U.S. adult population and CIs are estimated using the balanced repeated replication (BRR) method.

^bReasons for use were not assessed among current cigarette smokers.

^cReasons for use of bidis, kreteks, and dissolvable tobacco products not reported due to low sample size (<50).

Appendix Table 4. Reasons for Flavored Tobacco Use and Association of Reason With Current Flavored Tobacco Product Use Among Current Tobacco Users, by Product and Age Group; Population Assessment of Tobacco and Health, 2013-2014^a

		Age	12-17 ^b			Age 1	18-24 ^c		Age 25 and older ^c				
"Product comes in flavors that I	Total	95% CI	Current flavored product-specific		Tota l	95% CI		nt flavored act-specific	Total	95% CI		nt flavored ict-specific	
like" ^d	(%)	(%)	us APR ^f	se vs. no (95% CI)	(%) ^e	(%)	us APR	e vs. no (95% CI)	(%)e	(%)	us APR	e vs. no (95% CI)	
	e	(1.1)		(()	(**)	g	((1-7)	(/	g	(/	
Overall	79.2	(76.4,	1.43	(1.26,	88.6	(86.93,	1.67	(1.43,	71.2	(69.45,	2.60	(2.33,	
		81.7)		1.62)	9	90.24)		1.95)	8	73.05)		2.90)	
E-cigarette	81.5	(77.6,	1.35	(1.11,	82.6	(78.41,	1.56	(1.19,	68.6	(65.78,	2.12	(1.76,	
		84.8)		1.64)	8	86.26)		2.04)	2	71.32)		2.55)	
Pipe	-	-	-	-	73.2	(59.97,	1.98	(0.74,	75.9	(69.05,	2.25	(1.05,	
					3	83.32)		5.28)	1	81.65)		4.83)	
Hookah	78.8	(72.9,	1.32	(1.10,	91.1	(88.66,	1.38	(1.07,	87.7	(82.66,	3.29	(1.62,	
		83.7)		1.59)	5	93.13)		1.78)	5	91.51)		6.69)	
Any cigar	73.8	(67.9,	1.97	(1.47,	76.1	(72.70,	2.00	(1.57,	65.8	(62.72,	3.48	(2.74,	
		79.0)		2.65)	8	79.34)		2.56)	3	68.82)		4.41)	
Cigar	65.1	(54.7,	2.13	(0.84,	72.9	(66.45,	2.52	(1.44,	54.4	(50.06,	4.18	(2.57,	
		74.2)		5.39)	0	78.51)		4.42)	0	58.67)		6.83)	
Cigarillo	73.2	(67.2,	1.62	(1.27,	73.9	(69.95,	1.82	(1.43,	70.7	(66.50,	2.86	(2.23,	
		78.5)		2.07)	6	77.61)		2.32)	5	74.66)		3.68)	
Filtered cigar	73.4	(62.6,	2.00	(1.05,	82.1	(73.06,	1.52	(0.95,	67.4	(63.02,	3.60	(2.38,	
_		82.0)		3.80)	2	88.61)		2.45)	3	71.55)		5.44)	
Snus	67.2	(54.9,	1.96	(1.19,	85.5	(78.00,	1.26	(0.77,	82.1	(75.14,	1.52	(1.05,	
		77.4)		3.21)	9	90.86)		2.07)	3	87.49)		2.20)	
Smokeless	69.3	(62.3,	1.3	(1.04,	74.7	(70.45,	1.53	(1.24,	64.6	(61.66,	2.10	(1.76,	
		75.6)		1.63)	5	78.61)		1.90)	9	67.60)		2.50)	
Dissolvable	-	=	-	-	-	-	-	-	-	=	-	-	
tobacco													
Bidis	-	-	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Kreteks	-	-	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

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Flavored product easier to use than	Total	95% CI		ent flavored uct-specific
unflavored			us	se vs. no
$product^h$	(%)	(%)	APR	(95% CI)
	e		f	
Overall	72.8	(70.3,	1.09	(1.00,
		75.2)		1.19)
Cigarette	27.4	(24.2,	1.27	(1.11,
		30.8)		1.44)
E-cigarette	54.8	(49.5,	1.13	(1.03,
		60.0)		1.23)
Pipe	-	-	-	-
Hookah	56.1	(49.2,	1.03	(0.93,
		62.7)		1.14)
Any cigar	39.9	(34.2,	1.32	(1.15,
		46.0)		1.51)
Cigar	29.3	(19.3,	1.09	(0.64,
		41.7)		1.86)
Cigarillo	35.1	(29.3,	1.31	(1.14,
		41.4)		1.50)
Filtered cigar	38.5	(27.2,	1.36	(1.00,
		51.3)		1.84)
Smokeless	45.1	(38.6,	1.03	(0.89,
		51.7)		1.20)
Dissolvable	-	-	-	-
tobacco				
Bidis	-	-	-	-
Kreteks	-	-	-	-

⁻ Suppressed due to n<50 or coefficient of variation >30%.

^aPercentages are weighted to represent the U.S. population and CIs are estimated using the balanced repeated replication (BRR) method.

^bFor youth, current use is defined as past 30-day use. Individuals who reported "don't know" or refused to answer any part of the definition of current use were excluded from the denominator.

'For adults, current use some days or every day and either (1): 100 lifetime units (for cigarettes); (2): or weekly or monthly use and ever fairly regular use (for hookah); (3): ever fairly regular use (for all other products). Individuals who reported "don't know" or refused to answer any part of the definition of current use were excluded from the denominator.

^dCigarettes were not included in the "product comes in flavors that I like" question.

ePercentage of current users that endorse reason for use.

^fFor youth: aPR for current flavored pipe use adjusted for gender and Hispanic ethnicity; aPR for current flavored cigar use adjusted for gender, Hispanic ethnicity, and education; aPRs for current flavored bidi use (n=6) and current flavored kretek use (n=10) did not adjust for any demographics; aPR for all other products adjusted for gender, race, Hispanic ethnicity, and education.

^gFor adult: aPR for current flavored pipe use among age 25+ sample adjusted for gender, Hispanic ethnicity, and income; aPR for current flavored any cigar use and cigar use adjusted for gender and Hispanic ethnicity; aPR for all other products adjusted for gender, race, Hispanic ethnicity, income, and education.

^hSnus was not included in the "flavored product easier to use than unflavored" question.

APR, adjusted prevalence ratio; N/A not applicable

Appendix Table 5. Adjusted Prevalence Ratios for Current Flavored Use Among Current Adult Tobacco Users, by Use Group;

Population Assessment of Tobacco and Health, 2013-2014^a

Correlates	smok	ive cigarette ers ^b (62%) hted N=7,542	tobacc	ve non-cigarette to users (21%) ghted N=2,585	tob	f cigarettes and other acco (17%) ghted N=2,436
	APR	95% CI	APR	95% CI	APR	95% CI
Age						
18-24	1.30	(1.21, 1.39)	1.11	(1.04, 1.19)	1.14	(1.08, 1.19)
25+	Ref		Ref		Ref	
Gender						
Male	Ref		Ref		Ref	
Female	1.14	(1.08, 1.20)	1.27	(1.19, 1.36)	1.09	(1.02, 1.15)
Race						
White	Ref		Ref		Ref	
Black/African American	2.17	(2.03, 2.31)	1.06	(0.97, 1.16)	1.23	(1.16, 1.30)
American Indian/Alaskan	1.41	(1.19, 1.68)	0.89	(0.67, 1.18)	1.08	(0.90, 1.29)
Native						
Asian	1.08	(0.85, 1.36)	1.20	(1.01, 1.42)	1.21	(1.01, 1.45)
Native Hawaiian/Pacific	1.54	(1.22, 1.96)	1.05	(0.87, 1.28)	1.10	(0.93, 1.30)
Islander						
2+ races	1.22	(1.08, 1.38)	1.04	(0.91, 1.19)	1.03	(0.94, 1.12)
Hispanic						
No	Ref		Ref		Ref	
Yes	1.28	(1.17, 1.39)	1.11	(1.02, 1.21)	1.14	(1.07, 1.21)
Education						
<hs< td=""><td>1.09</td><td>(0.94, 1.26)</td><td>1.01</td><td>(0.87, 1.18)</td><td>0.96</td><td>(0.86, 1.06)</td></hs<>	1.09	(0.94, 1.26)	1.01	(0.87, 1.18)	0.96	(0.86, 1.06)
GED	1.12	(0.96, 1.30)	1.05	(0.90, 1.23)	0.99	(0.87, 1.11)
HS diploma	1.18	(1.03, 1.35)	1.10	(0.97, 1.25)	1.03	(0.94, 1.13)
Some college	1.22	(1.08, 1.37)	1.08	(0.97, 1.21)	1.03	(0.94, 1.13)

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College or greater	Ref		Ref		Ref	
Annual household income						
<\$15,000	1.08	(1.00, 1.17)	0.98	(0.89, 1.08)	0.93	(0.87, 1.00)
\$15,000 up to \$34,999	1.07	(0.98, 1.17)	0.94	(0.84, 1.05)	0.98	(0.91, 1.05)
\$35,000 up to \$74,999	Ref		Ref		Ref	
\$75,000+	0.96	(0.86, 1.08)	0.87	(0.79, 0.95)	0.95	(0.86, 1.05)
Number of tobacco products	-	-	1.16	(1.11, 1.21)	1.09	(1.06, 1.12)
currently used						
First tobacco use was flavored						
No	Ref		Ref		Ref	
Yes	2.10	(1.95, 2.28)	1.84	(1.69, 2.00)	1.44	(1.33, 1.55)
Age at tobacco trial						
<18	Ref		Ref		Ref	
18-24	1.06	(0.91, 1.24)	1.13	(0.89, 1.45)	0.88	(0.71, 1.09)
25+	1.04	(0.89, 1.21)	1.13	(0.87, 1.46)	0.90	(0.72, 1.12)
Past 30-day alcohol use						
No	Ref		Ref		Ref	
Yes	1.04	(0.98, 1.10)	1.01	(0.94, 1.09)	0.97	(0.92, 1.03)
Past 30-day marijuana use						
No	Ref		Ref		Ref	
Yes	1.00	(0.93, 1.07)	0.97	(0.90, 1.04)	1.02	(0.97, 1.07)
Substance use scale						
Low	Ref		Ref		Ref	
Moderate	1.03	(0.95, 1.11)	1.06	(0.97, 1.15)	1.05	(0.99, 1.12)
High	1.07	(0.97, 1.17)	0.99	(0.90, 1.10)	1.01	(0.94, 1.10)
Internalizing scale						
Low	Ref		Ref		Ref	
Moderate	1.00	(0.94, 1.07)	1.01	(0.92, 1.10)	1.02	(0.95, 1.09)
High	1.03	(0.94, 1.12)	1.06	(0.96, 1.18)	1.00	(0.92, 1.08)

Externalizing scale						
Low	Ref		Ref		Ref	
Moderate	1.00	(0.93, 1.08)	1.05	(0.97, 1.14)	0.97	(0.91, 1.04)
High	1.00	(0.92, 1.09)	1.05	(0.97, 1.14)	1.05	(0.97, 1.13)

Notes: Boldface indicates statistical significance (p<0.05). Respondents with missing outcome variables or missing covariates were excluded from the respective model's analytic sample. Missingness for exclusive cigarette smokers=Age (n=1; 0.0%), race (n=18; 0.2%), education (n=64; 0.8%), annual household income (n=772; 9.1%), age at tobacco trial (n=7; 0.1%), alcohol (n=10; 0.1%), marijuana (n=76; 0.9%), substance use scale (n=258; 3.1%), internalizing scale (n=116; 1.5%), and externalizing scale (n=205; 2.5%). Missingness for exclusive non-cigarette tobacco users=Race (n=6; 0.2%), education (n=21; 0.8%), annual household income (n=269; 9.0%), alcohol (n=5; 0.2%), marijuana (n=36; 1.2%), substance use scale (n=76; 2.8%), internalizing scale (n=35; 1.2%), and externalizing scale (n=57; 2.2%). Missingness for poly-tobacco users=Race (n=8; 0.2%), education (n=15; 0.5%), annual household income (n=175; 6.3%), alcohol (n=1; 0.0%), marijuana (n=34; 1.2%), substance use scale (n=61; 2.0%), internalizing scale (n=32; 1.3%), and externalizing scale (n=53; 2.1%).

APR, adjusted prevalence ratio

^aCIs are estimated using the balanced repeated replication (BRR) method.

^bPrevalence ratios of current menthol cigarette use among exclusive cigarette smokers.

^cMissing data on age, gender, race, and Hispanic ethnicity were logically assigned from household screener data, as described in the PATH Restricted Use File User's Guide.³²